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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,388	03/30/2004	Ajay Gupta	P-6581-US	1737
49444 7590 03/14/2008 PEARL COHEN ZEDEK LATZER, LLP 1500 BROADWAY, 12TH FLOOR NEW YORK, NY 10036				
EXAMINER BOKHARI, SYED M				
ART UNIT 2616		PAPER NUMBER		
MAIL DATE 03/14/2008		DELIVERY MODE PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/812,388

Applicant(s)

GUPTA ET AL.

Examiner

SYED BOKHARI

Art Unit

2616

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 30 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SF/ICE)
- Paper No(s)/Mail Date 12/29/2004.
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 10, 16, 19 and 28 are rejected under 35 U.S.C. 102(e) as being anticipated by Krantz et al. (US 2004/0111520 A1).

Krantz et al discloses a network architecture that includes wireless access points between clients and data routing devices for configuring computer system to appropriately communicate with the following features: regarding clam 1, a method comprising determining whether a wireless communication station is authorized to configure a wireless access point not associated therewith based on a comparison of a first string transmitted by the wireless access point and indicating a unique identifier of the wireless access point to a second string entered at the wireless communication station (Fig 2, a network architecture that can facilitate increasing the level of automation when provisioning a client, see "the client credential received by the access point 209 are sent to server 215 where authentication module 217 compares the

identifier with entries in the database 218 for authorizing or not authorizing of the access" recited in paragraph 0075 lines 6-8 and paragraph 0076 lines 1-12); regarding claim 10, an apparatus comprising: a processor to determine whether a wireless communication station is authorized to configure a wireless access point not associated therewith based on a comparison of a first string transmitted by the wireless access point and indicating a unique identifier of the wireless access point to a second string entered at the wireless communication station (Fig 2, a network architecture that can facilitate increasing the level of automation when provisioning a client, see "the client credential received by the access point 209 are sent to server 215 where authentication module 217 compares the identifier with entries in the database 218 for authorizing the access" recited in paragraph 0075 lines 6-8 and paragraph 0076 lines 1-12); regarding claim 16, a wireless communication station comprising: a dipole antenna (Fig. 1, architecture of computer system, see "computer system includes wireless access point or wireless station that normally utilizes dipole antenna" recited in paragraph 0047 lines 7-15) and a processor to determine whether a wireless communication station is authorized to configure a wireless access point not associated therewith based on a comparison of a first string transmitted by the wireless access point and indicating a unique identifier of the wireless access point to a second string entered at the wireless communication station (Fig 2, a network architecture that can facilitate increasing the level of automation when provisioning a client, see "the client credential received by the access point 209 are sent to server 215 where authentication module 217 compares the identifier with entries in the database 218 for authorizing the access" recited in

paragraph 0075 lines 6-8 and paragraph 0076 lines 1-12); regarding claim 19, A wireless communication system comprising: a wireless access point (Fig. 1, architecture of computer system, see "computer system includes wireless access point or wireless station that normally utilizes dipole antenna" recited in paragraph 0047 lines 7-15) and a wireless communication station able to determine whether the wireless communication station is authorized to configure the wireless access point not associated therewith based on a comparison of a first string transmitted by the wireless access point and indicating a unique identifier of the wireless access point to a second string entered at the wireless communication station (Fig 2, a network architecture that can facilitate increasing the level of automation when provisioning a client, see "the client credential received by the access point 209 are sent to server 215 where authentication module 217 compares the identifier with entries in the database 218 for authorizing the access" recited in paragraph 0075 lines 6-8 and paragraph 0076 lines 1-12) and regarding claim 28, a machine-readable medium having stored thereon a set of instructions that, if executed by a machine, cause the machine to perform a method comprising (Fig. 1, architecture of computer system, see "invention includes computer-readable media for carrying or having executable instructions stored therein" recited in paragraph 0036 lines 1-14) determining whether a wireless communication station is authorized to configure a wireless access point not associated therewith based on a comparison of a first string transmitted by the wireless access point and indicating a unique identifier of the wireless access point to a second string entered at the wireless communication station (Fig 2, a network architecture that can facilitate increasing the level of

automation when provisioning a client, see "the client credential received by the access point 209 are sent to server 215 where authentication module 217 compares the identifier with entries in the database 218 for authorizing the access" recited in paragraph 0075 lines 6-8 and paragraph 0076 lines 1-12).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to

consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 2-4, 11-13, 17-18, 20-22 and 29-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krantz et al. (US 2004/0111520 A1) in view of Karaoguz (USP 7,289,813 B2).

Krantz et al. discloses the claimed limitations as described in paragraph 2 above. Krantz et al. also discloses the following features: regarding claim 4, comprising performing an ownership-setting process between the wireless communication station and the wireless access point if the first string matches the second string (Fig 2, a network architecture that can facilitate increasing the level of automation when provisioning a client, see "if the identifier matches with the entries in the database 218 the client 205 is authorized to access resources" recited in paragraph 0076 lines 4-12); regarding claim 13, wherein the processor is able to perform an ownership-setting process between the wireless communication station and the wireless access point if the first string matches the second string (Fig 2, a network architecture that can facilitate increasing the level of automation when provisioning a client, see "if the identifier matches with the entries in the database 218 the client 205 is authorized to access resources" recited in paragraph 0076 lines 4-12) and regarding claim 22, wherein the wireless communication station is able to perform an ownership-setting process between the wireless communication station and the wireless access point if the first string matches the second string (Fig 2, a network architecture that can facilitate

increasing the level of automation when provisioning a client, see "if the identifier matches with the entries in the database 218 the client 205 is authorized to access resources" recited in paragraph 0076 lines 4-12).

Krantz et al. does not disclose the following features: regarding claim 2, comprising transmitting a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol; regarding claim 3, comprising receiving a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol and wherein the wireless probe response signal includes the first string; regarding claim 11, comprising a transmitter to transmit a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol; regarding claim 12, comprising a receiver to receive a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol and wherein the wireless probe response signal includes the first string; regarding claim 17, wherein the wireless communication station is able to transmit a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol; regarding claim 18, wherein the wireless communication station is able to receive a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol and wherein the wireless probe response signal includes the first string; regarding claim 20, wherein the wireless communication station is able to transmit a wireless probe request signal indicating that the wireless communication station supports a certain configuration

protocol; regarding claim 21, wherein the wireless communication station is able to receive a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol and wherein the wireless probe response signal includes the first string; regarding claim 29, wherein the instructions result in transmitting a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol and regarding claim 30, wherein the instructions result in receiving a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol and wherein the wireless probe response signal includes the first string (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the method can include the steps of activating a signal generated locator

Karaoguz discloses a communication system for using signal-generated location information to identify available devices with the following features: regarding claim 2, comprising transmitting a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the device locator sends out a message containing protocol information to one or more wireless devices at step 405" recited in column 4 lines 65-67, column 5 lines 1-3 and lines 24-27); regarding claim 3, comprising receiving a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "wireless device receives the message signal, processes it at step 415 and send the acknowledgement

to originating device step 420" recited column 5 lines 15-27) and wherein the wireless probe response signal includes the first string (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the method can include the steps of activating a signal generated locator transmitting first signal" recited column 1 lines 59-67 and column 5 lines 27-29); regarding claim 11, comprising a transmitter to transmit a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the device locator sends out a message containing protocol information to one or more wireless devices at step 405" recited in column 4 lines 65-67, column 5 lines 1-3 and lines 24-27); regarding claim 12, comprising a receiver to receive a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "wireless device receives the message signal, processes it at step 415 and send the acknowledgement to originating device step 420" recited column 5 lines 15-27) and wherein the wireless probe response signal includes the first string (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the method can include the steps of activating a signal generated locator transmitting first signal" recited column 1 lines 59-67 and column 5 lines 27-29); regarding claim 17, wherein the wireless communication station is able to transmit a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device,

see "the device locator sends out a message containing protocol information to one or more wireless devices at step 405" recited in column 4 lines 65-67, column 5 lines 1-3 and lines 24-27); regarding claim 18, wherein the wireless communication station is able to receive a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "wireless device receives the message signal, processes it at step 415 and send the acknowledgement to originating device step 420" recited column 5 lines 15-27) and wherein the wireless probe response signal includes the first string (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the method can include the steps of activating a signal generated locator transmitting first signal" recited column 1 lines 59-67 and column 5 lines 27-29); regarding claim 20, wherein the wireless communication station is able to transmit a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the device locator sends out a message containing protocol information to one or more wireless devices at step 405" recited in column 4 lines 65-67, column 5 lines 1-3 and lines 24-27); regarding claim 21, wherein the wireless communication station is able to receive a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "wireless device receives the message signal, processes it at step 415 and send the acknowledgement to originating device step 420" recited column 5 lines 15-27) and

wherein the wireless probe response signal includes the first string (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the method can include the steps of activating a signal generated locator transmitting first signal" recited column 1 lines 59-67 and column 5 lines 27-29); regarding claim 29, wherein the instructions result in transmitting a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the device locator sends out a message containing protocol information to one or more wireless devices at step 405" recited in column 4 lines 65-67, column 5 lines 1-3 and lines 24-27) and regarding claim 30, wherein the instructions result in receiving a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol (Fig. 4, flow chart illustrating a method of displaying information of the device, see "wireless device receives the message signal, processes it at step 415 and send the acknowledgement to originating device step 420" recited column 5 lines 15-27) and wherein the wireless probe response signal includes the first string (Fig. 4, flow chart illustrating a method of displaying information of the device, see "the method can include the steps of activating a signal generated locator transmitting first signal" recited column 1 lines 59-67 and column 5 lines 27-29).

It would have been obvious to one of the ordinary skill in the art at the time of invention to modify the system of Krantz et al. by using the features, as taught by Karaoguz, in order to provide of transmitting a wireless probe request signal indicating that the wireless communication station supports a certain configuration protocol,

receiving a wireless probe response signal including an indication that the wireless access point supports the certain configuration protocol and wherein the wireless probe response signal includes the first string. The motivation of using these functions is to enhance the system in a cost effective manner.

7. Claims 5-7, 14-15 and 23-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krantz et al. (US 2004/0111520 A1) in view of Karaoguz (USP 7,289,813 B2) as applied to claim 1, 10, 16 and 19 above, and further in view of Ishidoshiro (US 2004/0076300 A1).

Krantz et al. and Karaoguz disclose the claimed limitations in paragraph 2 and 6 above. Krantz et al. and Karaoguz do not disclose the following features: regarding claim 5, comprising performing an ownership-setting process between the wireless communication station and the wireless access point if the first string matches the second string; regarding claim 6, comprising transmitting a value of a configuration parameter encrypted using the encryption key; regarding claim 7, comprising decrypting by the wireless access point the encrypted transmission; regarding claim 14, wherein the processor is able to establish an encryption key for secure communications between the wireless access point and the wireless communication station; regarding claim 15, wherein the transmitter is able to transmit a value of a configuration parameter encrypted using the encryption key; regarding claim 23, wherein the wireless communication station is able to establish an encryption key for secure communications

between the wireless access point and the wireless communication station; regarding claim 24, wherein the wireless communication station is able to transmit a value of a configuration parameter encrypted using the encryption key; regarding claim 25, wherein the wireless access point is able to decrypt the encrypted transmission.

Ishidoshiro discloses a communication system for access point encryption key setting with the following features: regarding claim 5, comprising performing an ownership-setting process between the wireless communication station and the wireless access point if the first string matches the second string (Fig. 1, hardware structure of an encryption key setting system, see "the encryption key setting method sets the encryption key which is used to encrypt the radio communication data transmitted between the access points" recited in paragraph 0021 lines 1-9); regarding claim 6, comprising transmitting a value of a configuration parameter encrypted using the encryption key (Fig. 1, hardware structure of an encryption key setting system, see "the access point 20 encrypts the detailed data with an encryption key prior to the transmission" recited in paragraph 0049 lines 4-11); regarding claim 7, comprising decrypting by the wireless access point the encrypted transmission (Fig. 1, hardware structure of an encryption key setting system, see "the receiver device decrypts the received encrypted data with WEP key" recited in paragraph 0049 lines 11-13); regarding claim 14, wherein the processor is able to establish an encryption key for secure communications between the wireless access point and the wireless communication station (Fig. 1, hardware structure of an encryption key setting system, see "the encryption key setting method sets the encryption key which is used to encrypt

the radio communication data transmitted between the access points” recited in paragraph 0021 lines 1-9); regarding claim 15, wherein the transmitter is able to transmit a value of a configuration parameter encrypted using the encryption key (Fig. 1, hardware structure of an encryption key setting system, see “the access point 20 encrypts the detailed data with an encryption key prior to the transmission” recited in paragraph 0049 lines 4-11); regarding claim 23, wherein the wireless communication station is able to establish an encryption key for secure communications between the wireless access point and the wireless communication station (Fig. 1, hardware structure of an encryption key setting system, see “the encryption key setting method sets the encryption key which is used to encrypt the radio communication data transmitted between the access points” recited in paragraph 0021 lines 1-9); regarding claim 24, wherein the wireless communication station is able to transmit a value of a configuration parameter encrypted using the encryption key (Fig. 1, hardware structure of an encryption key setting system, see “the access point 20 encrypts the detailed data with an encryption key prior to the transmission” recited in paragraph 0049 lines 4-11); regarding claim 25, wherein the wireless access point is able to decrypt the encrypted transmission (Fig. 1, hardware structure of an encryption key setting system, see “the receiver device decrypts the received encrypted data with WEP key” recited in paragraph 0049 lines 11-13).

It would have been obvious to one of the ordinary skill in the art at the time of invention to modify the system of Krantz et al. with Karaoguz, by using the features, as taught by Ishidoshiro, in order to provide of performing an ownership-setting process

between the wireless communication station and the wireless access point if the first string matches the second string, transmitting a value of a configuration parameter encrypted using the encryption key and decrypting by the wireless access point the encrypted transmission. The motivation of using these functions is to enhance the system in a cost effective manner.

8. Claims 8-9, and 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krantz et al. (US 2004/0111520 A1) in view of Karaoguz (USP 7,289,813 B2) as applied to claims 1, 10, 16 and 19 above, and further in view of Ishidoshiro (US 2004/0076300 A1) and Rector et al. (US 2003/0212802 A1).

Krantz et al., Karaoguz and Ishidoshiro disclose the claimed limitations in paragraph 2, 6 and 7 above. Krantz et al. also discloses the following features: regarding claim 9, Protected Access--Pre-Shared Key (WPA-PSK) (Fig. 1, hardware structure of an encryption key setting system, see "the WPA (Wi-Fi protected access) encryption technique having the higher strength then the WEP" recited in paragraph 0074 lines 1-9).

Krantz et al., Karaoguz and Ishidoshiro do not disclose the following features: regarding claim 8, comprising setting a value of a parameter of the wireless access point based on the decrypted transmission; regarding claim 9, wherein setting a value of a parameter comprises setting a value of at least one of a Service Set Identifier (SSID); regarding claim 26, wherein the wireless access point is able to set a value of a

parameter of the wireless access point based on the decrypted transmission and regarding claim 27, wherein the value comprises a value of at least one of a Service Set Identifier (SSID).

Rector et al. discloses communication system for proximity network encryption and setup with the following features: regarding claim 8, comprising setting a value of a parameter of the wireless access point based on the decrypted transmission (Fig. 1, computer system that performs a method of automatically providing configuration setup to a network device, see "device connecting to gateway component 106 on wireless link must be configured with communications parameters" recited in paragraph 0017 lines 1-6); regarding claim 9, wherein setting a value of a parameter comprises setting a value of at least one of a Service Set Identifier (SSID) (Fig. 1, computer system that performs a method of automatically providing configuration setup to a network device, see "these parameters include the service set SSID" recited in paragraph 0017 lines 6-13); regarding claim 26, wherein the wireless access point is able to set a value of a parameter of the wireless access point based on the decrypted transmission (Fig. 1, computer system that performs a method of automatically providing configuration setup to a network device, see "device connecting to gateway component 106 on wireless link must be configured with communications parameters" recited in paragraph 0017 lines 1-6) and regarding claim 27, wherein the value comprises a value of at least one of a Service Set Identifier (SSID) (Fig. 1, computer system that performs a method of automatically providing configuration setup to a network device, see "these parameters include the service set SSID" recited in paragraph 0017 lines 6-13).

It would have been obvious to one of the ordinary skill in the art at the time of invention to modify the system of Krantz et al., with Karaoguz and Ishidoshiro, by using the features as taught by Rector et al., in order to provide of setting a value of a parameter of the wireless access point based on the decrypted transmission and setting a value of a parameter comprises setting a value of at least one of a Service Set Identifier (SSID). The motivation of using these functions is to enhance the system in a cost effective manner.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US 2004/0028003 A1 (Diener et al.) and US 2004/0203815 A1 (Shoemake et al.).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED BOKHARI whose telephone number is (571)270-3115. The examiner can normally be reached on Monday through Friday 8:00-17:00 Hrs..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kwang B. Yao can be reached on (571) 272-3182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2616

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Syed Bokhari/

Examiner, Art Unit 2616

2/29/2008

/Kwang B. Yao/

Supervisory Patent Examiner, Art Unit 2616